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AMENDMENTS TO THE SPECIFICATION

Please replace the paragraphs beginning at page 8, line 22, with the following amended paragraphs:

Figure 1 shows the polynucleotide sequence for a limulus clotting factor protease-like (SEQ ID NO:1) ~~and the amino acid sequence for a limulus clotting factor protease-like polypeptide (SEQ ID NO:2).~~

Figures 2A-2B show design of the targeting construct used to disrupt limulus clotting factor protease-like genes. Figure 2B shows the sequences identified as SEQ ID NO:2 and SEQ ID NO:3 ~~and SEQ ID NO:4~~, which were used as the targeting arms (homologous sequences) in the limulus clotting factor protease-like targeting construct.

Please delete the paragraph beginning at page 8, line 29, beginning with the text “Figure 3 shows data...” (Description of Figure 3).

Please delete the paragraph beginning at page 9, line 1, beginning with the text “Figure 4 shows data...” (Description of Figure 4).

SEQUENCE LISTING

Applicant requests entry of the substitute sequence listing, submitted herewith in paper and computer readable form. Applicant submits that the content of the paper and computer readable copies of the sequence listing are the same. Moreover, as the sequence listing merely presents nucleotide and/or amino acid sequences that appeared in and/or are supported by the application as originally filed in accordance with 37 C.F.R. §1.821-1.825, no new matter has been introduced into the application.

AMENDMENTS TO THE DRAWINGS

Please replace Figures 1 and 2A-2B with substitute Figures 1 and 2A-2B, enclosed herewith and labeled "Replacement Sheet".

Figures 1 and 2A-2B, as originally filed with the instant application, contain erroneous sequences. More particularly, incorrect sequences were placed in the figures. The correct sequence to be disclosed in these Figures was SEQ ID NO:1, the limulus clotting factor protease like gene which Applicant describes and target for disruption in the specification, which sequence is disclosed in GenBank Accession No.: AA833210; GI No.: 2906938. Applicant's disclosure, as filed, makes clear that the sequence disclosed in GenBank Accession No.: AA833210; GI No.: 2906938 was the sequence targeted in the present invention and intended to be disclosed and identified as SEQ ID NO:1. This is shown at, for example page 2, lines 22-24 and page 7, lines 7-9 of the specification. The homologous sequences in Figure 2B (SEQ ID NO:2 and SEQ ID NO:3) are based on this sequence. As such the replacement figures and changes to the figures made therein are supported by the originally filed application.